

Title (en)
EXTERNAL DEFIBRILLATOR

Title (de)
EXTERNER DEFIBRILLATOR

Title (fr)
DÉFIBRILLATEUR EXTERNE

Publication
EP 2408521 A4 20120808 (EN)

Application
EP 10753938 A 20100315

Priority
• US 2010027346 W 20100315
• US 16101409 P 20090317

Abstract (en)
[origin: US2010241181A1] A variety of arrangements and methods relating to a defibrillator are described. In one aspect of the invention, a defibrillator includes two paddles that each include a defibrillator electrode covered in a protective housing. The two paddles are sealed together using a releasable seal to form a paddle module such that the housings of the paddles form the exterior of the paddle module. An electrical system including at least a battery and a capacitor is electrically coupled with the paddles. The battery is arranged to charge the capacitor. The capacitor is arranged to apply a voltage at the defibrillator electrodes, which generates an electrical shock for arresting a cardiac arrhythmia.

IPC 8 full level
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Citation (search report)
• [XYI] US 5402884 A 19950404 - GILMAN BYRON L [US], et al
• [A] US 2002082644 A1 20020627 - PICARDO ANTHONY G [US], et al
• [Y] US 2004143297 A1 20040722 - RAMSEY MAYNARD [US]
• [A] EP 1834622 A2 20070919 - ZOLL MEDICAL CORP [US]
• [Y] DE 102006025864 A1 20071206 - BOSCH GMBH ROBERT [DE]
• See references of WO 2010107707A2

Cited by
EP3501598A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
US 2010241181 A1 20100923; **US 8615295 B2 20131224**; CN 102427851 A 20120425; CN 102427851 B 20150415; EP 2408521 A2 20120125; EP 2408521 A4 20120808; EP 2408521 B1 20140625; JP 2012520738 A 20120910; JP 5563652 B2 20140730; US 11311716 B2 20220426; US 2014039593 A1 20140206; US 2014039594 A1 20140206; US 2014324113 A1 20141030; US 2018200528 A1 20180719; US 9101778 B2 20150811; WO 2010107707 A2 20100923; WO 2010107707 A3 20110113

DOCDB simple family (application)
US 72426910 A 20100315; CN 201080021650 A 20100315; EP 10753938 A 20100315; JP 2012500855 A 20100315; US 2010027346 W 20100315; US 201314046892 A 20131004; US 201314046907 A 20131004; US 201414331045 A 20140714; US 201815923230 A 20180316